MEETING 11 AGENDA:

Call to Order  UPAMD Power Subgroup meeting – Paul Panepinto 7am Pacific 10 March 2011

I. Introductions/Attendance
   Bob, Lee, Edgar and Paul

II. Presentation of 02/24/2011 Power Subgroup Unofficial Meeting Notes – no quorum

III. Approval of 03/10/2011 Power Subgroup Agenda
   Motion Edgar, Seconded Bob

IV. IEEE Call for Patents. See

V. Interactively revise early draft of power criteria, adding comments and improving verbiage

VI. Lee Atkinson proposal of low-cost power capability – Lee will flesh out a comprehensive spec and present to the communications group.

VII. Begin discussions on additional topics of importance to this Subgroup:
   VII.1. Grounding (example of two pieces of equipment connected across hospital floor with 0.7V difference)
   VII.2. How to measure voltage and current
   VII.3. Accurate power availability info when multiple devices connect in series, such as a notebook connected to a docking station to an EPS
   VII.4. Update on Gary’s high level state diagram (sink and multi-mode diagrams done yet?)

Bob requested info on standards the industry needs. We would like Gary and Lee and others to find out from their colleagues other standards they currently adhere to with their power adapter products. The agency part of the spec would be useful as a template. ESD and other standards adhered to would help us build a better spec.

VIII. New business?
   VIII.1. How do we get other micro vendors to become involved with UPAMD? (NXP, ARM-based (TI, ST Micro), Green Plug, Freescale, Maxim)
   VIII.1.1. How to implement PID feedback loop control with analog or digital control?
   VIII.2. Question on voltage – Emerge Alliance standardized 24V – We want to stay below the magic top-end of about 23V before extra cost came into play. Lee and Gary discussed the hardware cost impact if input voltage were to be increased to this level.
   VIII.2.1. Bob asked for copies of their spec to determine what they are doing, but Emerge Alliance only releases this info to paying members. Propose that we table this discussion until Emerge Alliance member(s) make the case for considering this further.

IX. Adjourn (8:15am Pacific)
   Motion – Bob